Appendix B

Chart Identifying Support for Each Claim in the Specification

10. (Four Times Amended) A method for delivering	Page 12, lines 30 - 33	It is the further purpose of this invention to provide means and methods for the automation of ultimate receiver stations, especially the automation of combined medium and multi-channel presentations.
	Page 12, lines 21 - 22	The programming may be delivered by any means including over-the-air, hard-wire, and manual means.
programming	Page 474, lines 2-7	Executing said generate-recipe-and-shopping-list instructions causes microcomputer, 205, to generate information of the specific fish curry recipe and fish curry shopping list of the family of the subscriber of the station of Figs. 7 and 7F; to cause said recipe and shopping list to be printed at printer, 221;
	Page 475, lines 1-2	Receiving said output information causes printer, 221, to print the information of said specific recipe and list.
for use with an interactive mass medium program output apparatus comprising the steps of:	Page 469, lines 35 - Page 470, line 23 (Note: "interactive mass medium program output apparatus" is supported by the subscriber station; see Fig. 7)	The program originating studio of a particular network transmits the programming transmission of a particular conventional television program on cooking techniques that is called "Exotic Meals of India." Said transmission is received at the intermediate transmission station of Fig. 6 and retransmitted immediately on the cable channel of modulator, 83. (Said transmission is also received at the aforementioned second intermediate transmission station of example #10 and retransmitted immediately.) At the station of Fig. 7 and 7F (which station is a subscriber station of the intermediate station of Fig. 6), in the fashions described above, apparatus is caused to receive the particular transmission of said program that is retransmitted by the intermediate station of Fig. 6; to interconnect in such a way that the audio information received at a tuner, 215, and the video information received at said tuner, 215, are inputted separately, via matrix switch, 258, to monitor, 202M; to retain and process meter and monitor information of the use and usage of the information of said transmission, and to display the television information of said transmission (that is, information of said audio and video) at monitor, 202M. (In other words, because said "Exotic Meals of India" programming is conventional television programming...
	Page 471, lines 6-18	Halfway through the program the host says, "If you are interested in cooking what we are preparing here and want a your own printed copy of the recipe tailored to your own tastes and your own shopping list for a charge of

		only 10 cents, enter on your Widget Signal Generator and Local Input the information that you see on your screen." The information that appears on the screen of each subscriber is "TV567#". Each subscriber--in particular, the subscriber of the station of Figs. 7 and 7F, said second subscriber, and said third subscriber--enters TV567#, in a fashion well known in the art, at the keyboard of the specific local input, 225, of his own station ...
	Page 474, lines 2-8	Executing said generate-recipe-and-shopping-list instructions causes microcomputer, 205, to generate information of the specific fish curry recipe and fish curry shopping list of the family of the subscriber of the station of Figs. 7 and 7F; to cause said recipe and shopping list to be printed at printer, 221; and to retain information of said shopping list at particular memory.
	Page 1, lines 27 - 28	But television, radio, and broadcast print are only mass media.
storing a subscriber's own information at said interactive mass medium program output apparatus;	Page 469, lines 7-17	The microcomputer, 205, of the station of Fig. 7 and 7F, is preprogrammed to receive and process automatically meal recipe instructions and holds records of the size of the family of the subscriber of said station together with the tastes and dietary habits of the members of said family. For example, particular information is recorded in a file named DATA_OF.URS that is on a so-called "floppy disk" that is loaded at the A: disk drive at said microcomputer, 205. Said information specifies that said family prefers particular very hot and spicy foods, prefers to minimize salt consumption, and consists of four adults.
	Page 11, lines 27-31	One advantage of the present invention is great ease of use. For example, as will be seen, a subscriber can cause his own information to be processed in highly complex ways by merely turning his television receiver on and tuning to a particular channel.
outputting mass medium programming	Page 470, lines 2-3	The program originating studio of a particular network transmits the programming transmission of a particular conventional television program on cooking techniques that is called "Exotic Meals of India."
	Page 470, lines 9-21	At the station of Fig. 7 and 7F (which station is a subscriber station of the intermediate station of Fig. 6), in the fashions described above, apparatus is caused to receive the particular transmission of said program that is retransmitted by the intermediate station of Fig. 6; to interconnect in such a way that the audio information received at a tuner, 215, and the video information received at said tuner, 215, are inputted separately, via matrix switch, 258, to monitor, 202M; to retain and process meter and monitor information of the use and usage of the information of said transmission, and to display the television information of said transmission (that is, information of said audio and

		video) at monitor, 202M.
after said step of storing,	Page 469, line 7 - Page 470, line 21	The microcomputer, 205, of the station of Fig. 7 and 7F, is preprogrammed to receive and process automatically meal recipe instructions and holds records of the size of the family of the subscriber of said station together with the tastes and dietary habits of the members of said family. For example, particular information is recorded in a file named DATA_OF.URS that is on a so-called "floppy disk" that is loaded at the A: disk drive at said microcomputer, 205. Said information specifies that said family prefers particular very hot and spicy foods, prefers to minimize salt consumption, and consists of four adults.... At the station of Fig. 7 and 7F (which station is a subscriber station of the intermediate station of Fig. 6), in the fashions described above, apparatus is caused to ... display the television information of said transmission (that is, information of said audio and video) at monitor, 202M.
said interactive mass medium output apparatus having an input device to receive input from said subscriber;	Page 471, lines 14-18; see Fig. 7	Each subscriber--in particular, the subscriber of the station of Figs. 7 and 7F, said second subscriber, and said third subscriber--enters TV567#, in a fashion well known in the art, at the keyboard of the specific local input, 225,...
prompting said subscriber during said mass medium programming for first input;	Page 471, lines 6-13	Halfway through the program the host says, "If you are interested in cooking what we are preparing here and want a your own printed copy of the recipe tailored to your own tastes and your own shopping list for a charge of only 10 cents, enter on your Widget Signal Generator and Local Input the information that you see on your screen." The information that appears on the screen of each subscriber is "TV567#".
receiving first input from said subscriber at said input device in response to said prompting said subscriber, said first input indicating that said subscriber wants delivery of first user specific programming referred to in said mass medium programming; and	Page 471, lines 6-21	Halfway through the program the host says, "If you are interested in cooking what we are preparing here and want a your own printed copy of the recipe tailored to your own tastes and your own shopping list for a charge of only 10 cents, enter on your Widget Signal Generator and Local Input the information that you see on your screen." The information that appears on the screen of each subscriber is "TV567#". Each subscriber--in particular, the subscriber of the station of Figs. 7 and 7F, said second subscriber, and said third subscriber--enters TV567#, in a fashion well known in the art, at the keyboard of the specific local input, 225, of his own station which causes said input, 225, to transmit a particular preprogrammed process-local-input instruction and said TV567# information to the controller, 20, of the signal processor, 200, of said station.
delivering said first user specific programming at said interactive mass medium program output apparatus	Page 474, lines 29-32	...thereby generating (through the processes of so determining, computing, and incorporating) output information of the specific recipe and shopping list of said family;

	Page 475, lines 1-2	Receiving said output information causes printer, 221, to print the information of said specific recipe and list.
wherein said first user specific programming is based on said stored subscriber's own information.	Page 474, lines 8-35	Automatically, microcomputer, 205, accesses its A:DATA_OF.URS file, in a fashion well known in the art, and selects the aforementioned information that specifies the size of the family of the subscriber of said station together with the tastes and dietary habits of the members of said family; determines that one ingredient of the recipe of said family is "Patak's low- salt Vindaloo Curry Paste" (because said family prefers particular very hot and spicy foods and prefers to minimize salt consumption); computes that, at one-half pound of halibut fish and one teaspoonful of said Vindaloo Paste per adult, the recipe of said family (which is of four adults) calls for two pounds of halibut and four teaspoonfuls of said Paste and that the shopping list of said family lists two pounds of halibut and one jar of "Patak's low-salt Vindaloo Curry Paste"; incorporates information of said two pounds and four teaspoonfuls of "Patak's low-salt Vindaloo Curry Paste" into generally applicable information of the recipe of said "Exotic Meals of India" programming and information of said two pounds and one jar of "Patak's low-salt Vindaloo Curry Paste" into generally applicable information of the shopping list of said programming, thereby generating (through the processes of so determining, computing, and incorporating) output information of the specific recipe and shopping list of said family; records one instance of the output of said shopping list at particular shopping-list memory; and outputs output information of said specific recipe and list to printer, 221.

11. (Four Times Amended) The method of claim 10, wherein said step of delivering comprises printing said user specific programming at a printer of said interactive mass medium program output apparatus.	Page 475, lines 1-2	Receiving said output information causes printer, 221, to print the information of said specific recipe and list.

13. (Twice Amended) A method for combined medium	Page 12, lines 30 - 33	It is the further purpose of this invention to provide means and methods for the automation of ultimate receiver stations, especially the automation of combined medium and multi-channel presentations.
programming delivery	Page 12, lines 21 - 22	The programming may be delivered by any means including over-the-air, hard-wire, and manual means.
for use with an interactive combined medium	Page 533, line 35 - Page 534, line 5	Each farmer has a subscriber station that is identical to the station of Fig. 7 except that each station has two television

programming output apparatus comprising the steps of:	See Fig. 7	recorder/players that are recorder/players, 217 and 217A; two television tuners, 215 and 215A; and a laser disk player, 232.
	Page 538, line 15 - Page 539, line 5	...particular combined medium television program, "Farm Plans of Europe." Farmers and government planners all over Europe wish to receive and interact with the information of said program and have preprogrammed the apparatus of their stations to receive and combined to the programming transmission of said program. Thus so transmitting said program unit identification information of said "Farm Plans of Europe" program causes apparatus at the ultimate receiver stations of farmers in all of said nations to interconnect display (or other output apparatus) to the transmission of said program and to combine to the computer system of said transmission in the fashions described in example #10 and in "AUTOMATING U.R. STATIONS ... MORE ON EXAMPLE #7 ... RECEIVING SELECTED PROGRAMMING AND COMBINING SELECTED URS MICROCOMPUTERS, 205, AUTOMATICALLY TO THE COMPUTER SYSTEM OF A SELECTED PROGRAMMING TRANSMISSION." Automatically each ultimate receiver station that is equipped with a satellite earth station, 250, commences transferring received information of said master transmission, via its matrix switch, 258, to its divider, 4, (thereby inputting said received information to its computer, 205, and its decoder, 203) and commences transferring the television output information of its microcomputer, 205, to its television monitor, 202M, thereby causing display and emission of the television images and sound of said output information.
	Page 540, lines 14-16	At 4:00 PM, GMT, said European master network station commences transmitting the conventional television information of said "Farm Plans of Europe" program.
	Page 555, lines 14-23	After studying his specific crop planting plan and associated budget projections, his associated sensitivity analyses, and the output information of the selected commercial spots of his station, each farmer loads and runs his prerecorded module, TELEPHON.EXE, in a fashion well known in the art. Under control of the instructions of the TELEPHON.EXE module of his station controlling the operation of his signal processor, 200, each farmer enters information at his local input, 225, that modifies the information of his file, "PLANTING.DAT," to suit his own wishes and inclinations
	See also Page 471, lines 16-18	...subscriber--enters TV567#, in a fashion well known in the art, at the keyboard of the specific local input, 225, of his own station...
	Page 555, line 30 - Page 556, line 6	Over the course of a particular time such as two days, computers at remote data collection stations receive

		data automatically from each farmer of said nations which data indicates the specific quantity of each crop that each farmer expects to harvest during the 2027 growing season. Automatically, the received data is aggregated, in a fashion
	Page 1, lines 27 - 28	But television, radio, and broadcast print are only mass media.
storing a subscriber's own information at said interactive combined medium programming output apparatus;	Page 534, lines 5-14 (Note: "subscriber's own information" is supported by MY_FARM.DAT)	Particular farm information of the specific farm of each farmer is recorded in a file named MY_FARM.DAT on a disk at the A: disk drive of the microcomputer, 205, of each station. The recorded data includes, for example, data of the number and size of the individual parcels of property of the farmer's farm, the soil conditions of said parcels, the aspects of said parcels with respect to sunlight and shade, the history of crop rotation of said parcels, the farm equipment of said farmer, and the financial resources of said farmer.
	Page 11, lines 27-31	One advantage of the present invention is great ease of use. For example, as will be seen, a subscriber can cause his own information to be processed in highly complex ways by merely turning his television receiver on and tuning to a particular channel.
	Page 551, lines 11-14 (Note: "subscriber's own information" is also supported by PLANTING.DAT)	Automatically, under control of its received program instruction set, the microcomputer, 205, of its farmer's station records complete information of said farmer's crop planting plan at its A: disk in a file named PLANTING.DAT.
	Page 550, line 30 - Page 551, line 6	The specific "optimal" crop planting plans so computed vary from station to station and include budget information of projected revenues, expenses, and profits. The plan of one particular farmer calls for planting forty acres of oats and sixty acres of wheat and projects profits of fifteen thousand units of local currency. The plan of a particular second farmer calls for planting fifteen acres of broad beans and five acres of tomatoes and projects profits of thirty thousand units of local currency. The plan of a particular third farmer calls for planting ten acres of red tulips and two acres of blue tulips and projects profits of twenty thousand units of local currency.
	Page 549, line 32 - Page 550, line 8	Then using linear programming techniques that are well known in the art, each farmer's microcomputer, 205, under control of the particular program instruction set generated and transmitted by its local intermediate station, computes its particular farmer's "optimal" crop planting plan by making reference to said farmer's specific data that includes, for example, the number and size of the individual parcels of property of the farmer's farm, the soil conditions of said parcels, the aspects of said parcels with respect to sunlight and shade, the history of crop rotation of said parcels, the farm equipment of said farmer, and the financial resources of said farmer;

outputting first combined medium programming after said step of storing, said first combined medium programming comprising video of general interest and first subscriber specific information,	Page 552, lines 20-30	Automatically, in the fashion of example #10, the display and output apparatus of each farmer's station commences displaying and outputting generally applicable television picture image, sound, and print information of a crop planting plan combined periodically with related locally generated specific crop planting plan information of its specific farmer. Automatically, crop and budget information of the aforementioned optimal crop planting plan of each farmer is explained in the outputted the generally applicable programming and is displayed, emitted in sound, and printed at the station of each farmer.
	Page 548, lines 23-27	First, each microcomputer, 205, accesses the specific information of its particular farmer. Automatically, ... each microcomputer, 205, accesses the file, MY_FARM.DAT, that is prerecorded on the disk loaded at its A: disk drive
	See also Page 551, lines 11-14	Automatically, under control of its received program instruction set, the microcomputer, 205, of its farmer's station records complete information of said farmer's crop planting plan at its A: disk in a file named PLANTING.DAT.
	For example, Page 550, line 30 - Page 551, line 6	The specific "optimal" crop planting plans so computed vary from station to station and include budget information of projected revenues, expenses, and profits. The plan of one particular farmer calls for planting forty acres of oats and sixty acres of wheat and projects profits of fifteen thousand units of local currency. The plan of a particular second farmer calls for planting fifteen acres of broad beans and five acres of tomatoes and projects profits of thirty thousand units of local currency. The plan of a particular third farmer calls for planting ten acres of red tulips and two acres of blue tulips and projects profits of twenty thousand units of local currency.
said interactive combined medium programming output apparatus having an input device to receive input from said subscriber;	Page 555, lines 21-22 See Fig. 7	...each farmer enters information at his local input, 225,...
	Page 288, line 1; see Fig. 4	Fig. 4 shows local input, 225,...
receiving input from said subscriber at said input device in response to said first combined medium programming; and	Page 555, lines 14-23	After studying his specific crop planting plan and associated budget projections, his associated sensitivity analyses, and the output information of the selected commercial spots of his station, each farmer loads and runs his prerecorded module, TELEPHON.EXE, in a fashion well known in the art. Under control of the instructions of the TELEPHON.EXE module of his station controlling the operation of his signal processor, 200, each farmer enters information at his local input, 225, that modifies the information of his file, "PLANTING.DAT," to suit his own wishes and inclinations

delivering second combined medium programming at said interactive combined medium programming output apparatus, said second combined medium programming including second subscriber specific information	Page 556, lines 12-18	Then, at 3:59 PM, on Thursday, February 18, 2027, the cycle of generating and communicating information of farmers is repeated using the refined variables. Once again farmers receive optimal planting plans, given the new refined variables, and respond with their own plans, causing data to be aggregated at the computer of said European master network origination and control station.
based on said stored subscriber's own information and said input.	Page 555, line 21 - Page 556, line 6	...each farmer enters information at his local input, 225, that modifies the information of his file, "PLANTING.DAT," to suit his own wishes and inclinations then executes particular information of said TELEPHON.EXE module that causes the instructions of said module to cause his signal processor, 200, to transmit the information of his "PLANTING.DAT" file, via telephone network in the fashion of example #10, to a computer at a particular remote data collection station. Over the course of a particular time such as two days, computers at remote data collection stations receive data automatically from each farmer of said nations which data indicates the specific quantity of each crop that each farmer expects to harvest during the 2027 growing season. Automatically, the received data is aggregated, in a fashion well known in the art, at the computer of said European master network origination and control station which allows planners at said station to modify and refine the variables of the national intermediate generation set of said station...

14. (Twice Amended) The method of claim 13, wherein said step of delivering comprises printing said second subscriber specific information at a printer at said interactive combined medium program output apparatus.	Page 552, lines 26-30	Automatically, crop and budget information of the aforementioned optimal crop planting plan of each farmer is explained in the outputted the generally applicable programming and is displayed, emitted in sound, and printed at the station of each farmer.
	Page 556, lines 12-16	Then, at 3:59 PM, on Thursday, February 18, 2027, the cycle of generating and communicating information of farmers is repeated using the refined variables. Once again farmers receive optimal planting plans, given the new refined variables...
	Page 46, line 3	URS printers (221 in Fig. 7)

17. The method of claim 10, further comprising the step of ordering a product based on said first input.	Page 509, line 35 - page 510, line 4	Subsequently, so continuing executing instructions of its specific program instruction set of Q.1 or Q.2 causes apparatus at each subscriber station where where TV568* has been inputted to a local input, 225, automatically to telephone a shopping list order. At the station of Figs. 7 and 7F, under control of said program instruction set of Q.1,
	Page 503, line 34 - page 504, line 11	Promptly said program originating studio commences transmitting the video image of the so-called "talking head" of said person standing in front of a background image of the logo of said program, "Exotic Meals of India," and transmits audio information of said announcer saying: "Super Discount Supermarkets is proud to sponsor the television series, 'Exotic Meals of India.' Being truly exotic, many of the ingredients, can't be found in average supermarkets, but your friendly Super Discount manager is happy to supply all of these ingredients to your family. Tonight your personal recipe and shopping list call for Patak's"
	Page 504, line 31 - page 505, line 3	Automatically, microcomputer, 205, transmits to monitor, 202M, via audio information transmission means, one instance of the information at the audio RAM of said microcomputer, 205, causing the emission of sound of said audio information, and the subscriber of said station can hear said announcer's voice saying: "low-salt Vindaloo".
	Page 505, lines 23 - 30	Then after an interval that is long enough for each subscriber station to emit sound of its specific audio RAM information, said studio transmits audio information of the announcer saying: "Curry Paste. Your local Super Discount Supermarket has a complete line of Patak's Curry Paste products in stock. Call the telephone number,"
	Page 506, line 32 - page 507, line 11	Said studio then transmits audio information of the announcer saying, "that you see on your screen to have your order delivered to your door. Or if you enter on your Widget Signal Generator and Local Input the information that you see here on your screen," Said studio transmits video information of said person pointing to the upper left hand corner of the video screen, and the image of "TV568*" appears in said corner. Thus each viewer--including the subscriber of the station of Figs. 7 and 7F, said second subscriber, and said third subscriber-- can see TV568* in the upper left hand corner of the picture on the monitor, 202M, of his station.
	Page 508, lines 29 - 30	At the station of Figs. 7 and 7F, the subscriber enters TV568* at the keyboard of local input, 225, ...

18. The method of claim 10, further comprising the step of ordering a service to be performed based on said first input.	See the support for claim 17, especially "to have your order delivered to your door" at page 506, line 35 through page 507, line 1.	

19. The method of claim 10, wherein said step of delivering comprises emitting a portion of said first user specific programming as sound at a speaker.	Page 474, lines 2 - 17	Executing said generate-recipe-and-shopping-list instructions causes microcomputer, 205, to generate information of the specific fish curry recipe and fish curry shopping list of the family of the subscriber of the station of Figs. 7 and 7F; to cause said recipe and shopping list to be printed at printer, 221; and to retain information of said shopping list at particular memory. Automatically, microcomputer, 205, accesses its A:DATA_OF.URS file, in a fashion well known in the art, and selects the aforementioned information that specifies the size of the family of the subscriber of said station together with the tastes and dietary habits of the members of said family; determines that one ingredient of the recipe of said family is "Patak's low- salt Vindaloo Curry Paste" (because said family prefers particular very hot and spicy foods and prefers to minimize salt consumption); ...
	Page 503, line 34 - page 504, line 11	Promptly said program originating studio commences transmitting the video image of the so-called "talking head" of said person standing in front of a background image of the logo of said program, "Exotic Meals of India," and transmits audio information of said announcer saying: "Super Discount Supermarkets is proud to sponsor the television series, 'Exotic Meals of India.' Being truly exotic, many of the ingredients, can't be found in average supermarkets, but your friendly Super Discount manager is happy to supply all of these ingredients to your family. Tonight your personal recipe and shopping list call for Patak's"
	Page 504, line 31 - page 505, line 3	Automatically, microcomputer, 205, transmits to monitor, 202M, via audio information transmission means, one instance of the information at the audio RAM of said microcomputer, 205, causing the emission of sound of said audio information, and the subscriber of said station can hear said announcer's voice saying: "low-salt Vindaloo".
	Page 505, lines 23 - 30	Then after an interval that is long enough for each subscriber station to emit sound of its specific audio RAM information, said studio transmits audio information of the announcer saying: "Curry Paste. Your local Super Discount Supermarket has a complete line of Patak's Curry Paste

		products in stock. Call the telephone number,"
	Page 480, lines 14 - 17	In so doing, receiving said message causes matrix switch, 258, to interconnect the apparatus of said station in the fashion of Fig. 7E.
	Page 468, lines 25 - 29	... the apparatus of the station of Fig. 7E can be caused to input audio information (including user specific audio information) to the speaker of monitor, 202M, (causing said speaker to emit the sound of the voice of an announcer making the above audio statements).

20. The method of claim 10, wherein a portion of said first user specific programming is delivered at a television monitor.	See the support for claim 19.	

21. The method of claim 10, wherein a portion of said first user specific programming comprises an image.	See the support for claim 11.	

22. The method of claim 10, further comprising the step of storing a record of said first input.	Page 472, lines 23 - 27	Executing said instructions also causes controller, 20, to initiate a particular signal record of meter information at the buffer, 14, of signal processor, 200, which record contains particular program unit information and TV567# information.

23. The method of claim 22, further comprising the step of communicating said record to a remote site.	Page 31, line 30 - page 32, line 2	Buffer/comparator, 14, receives signal information that is meter information and/or monitor information from controller, 12, and from other inputs; organizes said received information into meter records and/or monitor records (called, in aggregate, hereinafter, "signal records") in a predetermined fashion or fashions; and transmits said signal records to a digital recorder, 16, and/or to one or more remote sites.

24. The method of claim 10, wherein said step of delivering comprises delivering a portion of said first user	Page 510, line 15 - page 511, line 9	Receiving said information causes microcomputer, 205, under control of said program instruction set of Q.1, to access said D:DATA_OF.ITS file; to select information from said file of the aforementioned local-automatic-order-taking telephone number of the supermarket chain

specific programming to a device capable of communicating said first user specific programming to a remote station.		applicable in the vicinity of the intermediate transmission station of Fig. 6 which is 1- (800) 247-8700; to transmit to controller, 20, particular call-this-number-and-respond-with-"A:SHOPPING.EXE" instructions and information of 1-(800) 247-8700; and to record particular instructions at the recording medium of the disk at the A: disk drive of microcomputer, 205, in a file named "SHOPPING.EXE". Receiving said call-this-number-and- respond-with-"A:SHOPPING.EXE" instructions and information of 1-(800) 247-8700 causes controller, 20, in the fashion described above, to cause auto dialer, 24, to dial the telephone number, 1-(800) 247-8700. Automatically, in the fashion described above, controller, 20, establishes telephone communications with a computer of said super market chain at a remote station. Then said call-this-, number-and- respond-with-"A:SHOPPING.EXE" instructions cause controller, 20, to cause the instruction "A:SHOPPING.EXE" to be entered to microcomputer, 205. Entering said instruction causes microcomputer, 205, to execute the instructions of said file, "SHOPPING.EXE" as a machine language job. Under control of said instructions, microcomputer, 205, transmits via controller, 20, to said computer at a remote station information of the street address of the station of Figs. 7 and 7F (selected from the file, A:DATA_OF.URS) and complete information of the aforementioned file, A:SHOPPING.LST, which is the shopping list of the subscriber of said station.

25. The method of claim 24, wherein said portion of said first user specific programming comprises an address of said interactive mass medium program output apparatus.	See the support for claim 24.	

26. The method of claim 24, wherein said device capable of communicating said first user specific programming to a remote station comprises a telephone, said method further comprising the step of causing said telephone to dial a telephone number.	See the support for claim 24.	

27. The method of claim 26, further comprising the step of selecting said telephone number.	See the support for claim 24.	

28. The method of claim 10, further comprising the steps of: prompting said subscriber for second input during said step of delivering;	Page 506, line 32 - page 507, line 21	Said studio then transmits audio information of the announcer saying, "that you see on your screen to have your order delivered to your door. Or if you enter on your Widget Signal Generator and Local Input the information that you see here on your screen," Said studio transmits video information of said person pointing to the upper left hand corner of the video screen, and the image of "TV568*" appears in said corner. Thus each viewer--including the subscriber of the station of Figs. 7 and 7F, said second subscriber, and said third subscriber-- can see TV568* in the upper left hand corner of the picture on the monitor, 202M, of his station. Said studio then transmits audio information of the announcer saying, "your Super Discount manager will see that all the ingredients that you need for your personal 'Exotic Meals of India' fish curry recipe are delivered to you in time for dinner tomorrow. And as a special inducement to enter "TV568*" on your Widget Signal Generator and Local Input now, your manager promises to include one jar of Patak's"
	Page 507, line 33 - page 508, line 3	At the station of Fig. 7 and 7F, decoder, the monitor, 202M, emits sound of said announcer's voice saying: "low-salt Vindaloo".
	Page 508, lines 19 - 27	Then after an interval that is long enough for each subscriber station to emit sound of its specific audio RAM information, said studio transmits audio information of the announcer saying: "Curry Paste. Do it now! Enter 'TV568*' on your Widget Signal Generator and Local Input or call the telephone number that you see on your television screen."
receiving said second input; and	Page 508, lines 29 - 30	At the station of Figs. 7 and 7F, the subscriber enters TV568* at the keyboard of local input, 225, ...
delivering second user specific programming at said interactive mass medium program output apparatus based on said second input.	Page 509, line 35 - page 511, line 9	Subsequently, so continuing executing instructions of its specific program instruction set of Q.1 or Q.2 causes apparatus at each subscriber station where where TV568* has been inputted to a local input, 225, automatically to telephone a shopping list order. At the station of Figs. 7 and 7F, under control of said program instruction set of Q.1, microcomputer, 205, measures elapsed time, in a fashion well known in the art, and determining that ninety seconds have passed from receiving said 2nd cease-outputting message (#10) causes microcomputer, 205, to input particular check-for- entered-TV568*-and-respond

		instructions to the controller, 20, of signal processor, 200. Receiving said instructions causes controller, 20, to determine that TV567* information exists at said last-local-input-* memory and to transmit particular TV567*-entered information to microcomputer, 205. Receiving said information causes microcomputer, 205, under control of said program instruction set of Q.1, to access said D:DATA_OF.ITS file; to select information from said file of the aforementioned local-automatic-order-taking telephone number of the supermarket chain applicable in the vicinity of the intermediate transmission station of Fig. 6 which is 1- (800) 247-8700; to transmit to controller, 20, particular call-this-number-and-respond-with-"A:SHOPPING.EXE" instructions and information of 1-(800) 247-8700; and to record particular instructions at the recording medium of the disk at the A: disk drive of microcomputer, 205, in a file named "SHOPPING.EXE". Receiving said call-this-number-and- respond-with-"A:SHOPPING.EXE" instructions and information of 1-(800) 247-8700 causes controller, 20, in the fashion described above, to cause auto dialer, 24, to dial the telephone number, 1-(800) 247-8700. Automatically, in the fashion described above, controller, 20, establishes telephone communications with a computer of said super market chain at a remote station. Then said call-this-number-and- respond-with-"A:SHOPPING.EXE" instructions cause controller, 20, to cause the instruction "A:SHOPPING.EXE" to be entered to microcomputer, 205. Entering said instruction causes microcomputer, 205, to execute the instructions of said file, "SHOPPING.EXE" as a machine language job. Under control of said instructions, microcomputer, 205, transmits via controller, 20, to said computer at a remote station information of the street address of the station of Figs. 7 and 7F (selected from the file, A:DATA_OF.URS) and complete information of the aforementioned file, A:SHOPPING.LST, which is the shopping list of the subscriber of said station.

29. The method of claim 13, wherein said subscriber's own information comprises property information.	Page 534, lines 5 - 14	Particular farm information of the specific farm of each farmer is recorded in a file named MY_FARM.DAT on a disk at the A: disk drive of the microcomputer, 205, of each station. The recorded data includes, for example, data of the number and size of the individual parcels of property of the farmer's farm, the soil conditions of said parcels, the aspects of said parcels with respect to sunlight and shade, the history of crop rotation of said parcels, the farm equipment of said farmer, and the financial resources of said farmer.

30. The method of claim 13, wherein said	See the support for claim 29.	

subscriber's own information comprises financial information.		

31. The method of claim 13, wherein said subscriber's own information comprises at least one of a history	See the support for claim 29.	
and a projection.	Page 550, line 30 - page 551, line 10	The specific "optimal" crop planting plans so computed vary from station to station and include budget information of projected revenues, expenses, and profits. The plan of one particular farmer calls for planting forty acres of oats and sixty acres of wheat and projects profits of fifteen thousand units of local currency. The plan of a particular second farmer calls for planting fifteen acres of broad beans and five acres of tomatoes and projects profits of thirty thousand units of local currency. The plan of a particular third farmer calls for planting ten acres of red tulips and two acres of blue tulips and projects profits of twenty thousand units of local currency. Each specific "optimal" crop planting plan may also include so-called "sensitivity analyses" that are well known in the art and information of alternate planting plans that are close to but not quite optimal.
	Page 551, lines 11-14 (Note: "subscriber's own information" is also supported by PLANTING.DAT)	Automatically, under control of its received program instruction set, the microcomputer, 205, of its farmer's station records complete information of said farmer's crop planting plan at its A: disk in a file named PLANTING.DAT.
	Page 549, line 32 - Page 550, line 8	Then using linear programming techniques that are well known in the art, each farmer's microcomputer, 205, under control of the particular program instruction set generated and transmitted by its local intermediate station, computes its particular farmer's "optimal" crop planting plan by making reference to said farmer's specific data that includes, for example, the number and size of the individual parcels of property of the farmer's farm, the soil conditions of said parcels, the aspects of said parcels with respect to sunlight and shade, the history of crop rotation of said parcels, the farm equipment of said farmer, and the financial resources of said farmer;

32. The method of claim 13, wherein said subscriber's own information comprises at least one of a revenue and a profit.	See the support for "a projection" in claim 31.	

33. The method of claim 13, further comprising the step of modifying said subscriber's own information based on said input from said subscriber.	Page 555, lines 14 - 23	After studying his specific crop planting plan and associated budget projections, his associated sensitivity analyses, and the output information of the selected commercial spots of his station, each farmer loads and runs his prerecorded module, TELEPHON.EXE, in a fashion well known in the art. Under control of the instructions of the TELEPHON.EXE module of his station controlling the operation of his signal processor, 200, each farmer enters information at his local input, 225, that modifies the information of his file, "PLANTING.DAT," to suit his own wishes and inclinations ...
	Page 551, lines 11-14 (Note: "subscriber's own information" is also supported by PLANTING.DAT)	Automatically, under control of its received program instruction set, the microcomputer, 205, of its farmer's station records complete information of said farmer's crop planting plan at its A: disk in a file named PLANTING.DAT.

34. The method of claim 13, further comprising the step of communicating a portion of said subscriber's own information to a remote station.	Page 555, line 21 - page 556, line 11	...each farmer enters information at his local input, 225, that modifies the information of his file, "PLANTING.DAT," to suit his own wishes and inclinations then executes particular information of said TELEPHON.EXE module that causes the instructions of said module to cause his signal processor, 200, to transmit the information of his "PLANTING.DAT" file, via telephone network in the fashion of example #10, to a computer at a particular remote data collection station. Over the course of a particular time such as two days, computers at remote data collection stations receive data automatically from each farmer of said nations which data indicates the specific quantity of each crop that each farmer expects to harvest during the 2027 growing season. Automatically, the received data is aggregated, in a fashion well known in the art, at the computer of said European master network origination and control station which allows planners at said station to modify and refine the variables of the national intermediate generation set of said station, especially the projected market prices at which farmers are projected to be able to sell each alternate crop. The aggregated data is also distributed automatically to computers at the national and local intermediate transmission stations, enabling national and local planners to vary and refine the policy variables of their stations' local-formula-and-item information.
	Page 551, lines 11-14 (Note: "subscriber's own information" is also supported by PLANTING.DAT)	Automatically, under control of its received program instruction set, the microcomputer, 205, of its farmer's station records complete information of said farmer's crop planting plan at its A: disk in a file named PLANTING.DAT.

35. The method of claim 34, further comprising the steps of: generating programming at said remote station based on said step of communicating; and transmitting said generated programming to said interactive combined medium programming output apparatus.	Page 556, lines 7 - 14	The aggregated data is also distributed automatically to computers at the national and local intermediate transmission stations, enabling national and local planners to vary and refine the policy variables of their stations' local-formula-and-item information. Then, at 3:59 PM, on Thursday, February 18, 2027, the cycle of generating and communicating information of farmers is repeated using the refined variables.
	For example, page 545, lines 3 - 11	Receiving the specific SPAM message of its national intermediate station causes the computer, 73, of each local intermediate station to execute the contained local level intermediate generation set of said message and to generate information of a specific program instruction set in the fashion that executing the intermediate generation set of Q caused different intermediate stations in example #10 to generate their specific program instruction sets of Q.1 or Q.2.
	Page 547, lines 19 - 26	In the fashion of example #9, each local intermediate station detects the particular SPAM message of its recorder, 76, at its decoder, 77, and receiving its particular message causes each station to embed and transmit end of file signal information then a particular first SPAM message that is addressed to URS microcomputers, 205, and that contains complete information of its particular program instruction set.

36. The method of claim 35, wherein said step of delivering is based on said steps of generating and transmitting.	Page 556, lines 12 - 18	Then, at 3:59 PM, on Thursday, February 18, 2027, the cycle of generating and communicating information of farmers is repeated using the refined variables. Once again farmers receive optimal planting plans, given the new refined variables, and respond with their own plans, causing data to be aggregated at the computer of said European master network origination and control station.

37 The method of claim 13, wherein a portion of combined medium programming is outputted at said interactive combined medium programming output apparatus as a sound.	Page 552, lines 20 - 30	Automatically, in the fashion of example #10, the display and output apparatus of each farmer's station commences displaying and outputting generally applicable television picture image, sound, and print information of a crop planting plan combined periodically with related locally generated specific crop planting plan information of its specific farmer. Automatically, crop and budget information of the aforementioned optimal crop planting plan of each farmer is explained in the outputted the

		generally applicable programming and is displayed, emitted in sound, and printed at the station of each farmer.

38. The method of claim 13, wherein a portion of combined medium programming is outputted at said interactive combined medium programming displayed apparatus as video.	See the support for claim 37.	

39. The method of claim 10, wherein said subscriber's own information comprises preference information.	See the support for claim 10.	
	Page 469, lines 7-17	The microcomputer, 205, of the station of Fig. 7 and 7F, is preprogrammed to receive and process automatically meal recipe instructions and holds records of the size of the family of the subscriber of said station together with the tastes and dietary habits of the members of said family. For example, particular information is recorded in a file named DATA_OF.URS that is on a so-called "floppy disk" that is loaded at the A: disk drive at said microcomputer, 205. Said information specifies that said family prefers particular very hot and spicy foods, prefers to minimize salt consumption, and consists of four adults.

40. The method of claim 10, further comprising the steps of: receiving a first control signal	Page 473, lines 3 - 31	One minute later, said program originating studio embeds in the transmission of said "Exotic Meals of India" programming and transmits a particular second SPAM message that consists of an "01" header, particular execution segment information that is identical to said covert control information, appropriate meter-monitor information including unit code identification information that identifies the programming of the information segment of said message, padding bits as required, information segment of particular generate-recipe-and-shopping-list instructions, and an end of file signal. At the station of Figs. 7 and 7F, said message is detected at TV signal decoder, 145, and said execution segment information invokes particular controlled function instructions that cause said message to be transferred to the controller, 39, of decoder, 203. Automatically, the controller, 39, of decoder, 145, transmits particular switching request information to the control processor,

		20A, of signal processor, 200, via the aforementioned control information bus means. Receiving said information causes control processor, 20A, to cause matrix switch, 259, to establish a communications link between the controller, 39, of decoder, 145, and the controller, 39, of decoder, 203. Automatically, said controller, 39, of decoder, 145, transfers said message to the controller, 39, of decoder, 203. Receiving said message causes the controller, 39, of decoder, 203, to load and execute said generate-recipe-and- shopping-list instructions at microcomputer, 205, ...
from a remote station, and	Page 469, line 35 - page 470, line 6	The program originating studio of a particular network transmits the programming transmission of a particular conventional television program on cooking techniques that is called "Exotic Meals of India." Said transmission is received at the intermediate transmission station of Fig. 6 and retransmitted immediately on the cable channel of modulator, 83.
storing a portion of said subscriber's own information at said interactive mass medium program output apparatus in response to said first control signal.	Page 474, lines 2 - 8	Executing said generate-recipe-and-shopping-list instructions causes microcomputer, 205, to generate information of the specific fish curry recipe and fish curry shopping list of the family of the subscriber of the station of Figs. 7 and 7F; to cause said recipe and shopping list to be printed at printer, 221; and to retain information of said shopping list at particular memory.

41. The method of claim 40, wherein a second control signal is received from said remote station following	Page 484, lines 1 - 18	Then said studio transmits said transmit-and-execute- program-instruction-set message (#10), causing each intermediate transmission station, including the station of Fig. 6 and said second intermediate transmission station, to transmit its specific program-instruction-set message (#10), as described above. Receiving the specific program-instruction-set message (#10) of its intermediate transmission station causes each ultimate receiver station to record one instance of the PROGRAM.EXE information in said message at particular RAM and execute the information so loaded as a machine language job. At the station of Figs. 7 and 7F, receiving the program- instruction-set message (#10) transmitted by the intermediate transmission station of Fig. 6 causes said message to be detected at decoder, 203, and causes decoder, 203, to load and execute at microcomputer, 205, the information segment of said message (which is the program instruction set of Q.1 and is the output file, PROGRAM.EXE, of said station).
said step of storing said portion of said subscriber's own information, said method further comprising the step of	Page 474, lines 2 - 8	Executing said generate-recipe-and-shopping-list instructions causes microcomputer, 205, to generate information of the specific fish curry recipe and fish curry shopping list of the family of the subscriber of the station of Figs. 7 and 7F; to cause said recipe and shopping list to be printed at printer, 221; and to retain information of said

		shopping list at particular memory.
processing said stored portion of said subscriber's own information in response to said second control signal.	Page 493, line 33 - page 494, line 3	At the station of Figs. 7 and 7F, microcomputer, 205, clears its audio RAM then determines, in the predetermined fashion of said program instruction set of Q.1, that the shopping list information at particular shopping- list memory at said station includes information of Patak's low-salt Vindaloo Curry Paste.

42. The method of claim 41, further comprising the step of outputting second user specific programming at said interactive mass medium program output apparatus	Page 507, line 12 - page 508, line 27	Said studio then transmits audio information of the announcer saying, "your Super Discount manager will see that all the ingredients that you need for your personal 'Exotic Meals of India' fish curry recipe are delivered to you in time for dinner tomorrow. And as a special inducement to enter "TV568*" on your Widget Signal Generator and Local Input now, your manager promises to include one jar of Patak's" Then said program originating studio embeds and transmits said 6th commence-outputting message (#10). Said message is identical to the 4th commence-outputting message (#10) except for different overlay number field information. In the same fashion that applied to receiving the 4th commence-outputting message (#10), receiving the 6th commence-outputting message (#10) causes apparatus at each subscriber station that has completed the generation of second audio image information to combine its specific audio information to the transmitted audio and to emit sound of its combined audio. At the station of Fig. 7 and 7F, decoder, the monitor, 202M, emits sound of said announcer's voice saying: "low-salt Vindaloo". ... After causing emission of audio information of the information at audio RAM once, the instructions of said program instruction sets of Q.1 and Q.2 cause a microcomputer, 205, to clear audio RAM then pause. Then after an interval that is long enough for each subscriber station to emit sound of its specific audio RAM information, said studio transmits audio information of the announcer saying: "Curry Paste. Do it now! Enter 'TV568*' on your Widget Signal Generator and Local Input or call the telephone number that you see on your television screen."
based on said step of processing.	Page 493, line 33 - page 494, line 8	audio RAM. At the station of Figs. 7 and 7F, microcomputer, 205, clears its audio RAM then determines, in the predetermined fashion of said program instruction set of Q.1, that the shopping list information at particular shopping- list memory at said station includes information of Patak's low-salt Vindaloo Curry Paste. So determining causes said microcomputer, 205, in said predetermined

		fashion, to select particular sound image information of an announcer's voice saying "low-salt Vindaloo" from among the information of its D:DATA_OF.ITS file and to place said selected information at said audio RAM.